

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of Jose J. Amador)
Serial No.: Unknown)
Filed: Herewith)
Title: Hypothesis Support Mechanism)
For Mid-Level Visual Pattern)
Recognition)

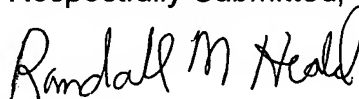
United States Patent Office
Attn: Commissioner for Patents
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INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to the requirements of 37 CFR 1.97 and 1.98, applicants hereby request that the references listed in the attached Form PTO/SB/08A be considered and made of record in the above-identified application. Applicants also respectfully draw the Examiner's attention to the two Akio Kimur papers listed on Page 2 no copies of which were available.

Respectfully Submitted,



Randall M. Heald
NASA Patent Attorney
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Date: Dec 18, 2003

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number	Unknown
Filing Date	Herewith
First Named Inventor	Jose J. Amador
Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	KSC-12394

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

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Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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Examiner Name	Unknown
Attorney Docket Number	KSC-12394

Sheet

2

of

2

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		ISO, JIANG et al., "A fast approach to the detection and correction of skew documents," Pattern Recognition Letters, Vol 18, pp. 675-686 (1997)	
		AVANINDRA et al., "Robust detection of skew in documented images," IEEE Trans. Image Processing, Vol. 6, pp. 344-349, February 1997.	
		WALLACK AND MAOCHA, Robust Algorithms for Object Localizaiton. International Journal of Computer Vision, 27(3):243-262, 1998.	
		AKIO KIMURA and TAKASHI WATANABE., "An Extension of the Generalized Hough Transform to Realize Affine-Invariant Two-dimensional(2D) Shape Detection" IEEE 2002	
		KIMURA, AKIO, "Generalized Hough Transform to be Extended as an Affine-invariant Detector of Arbitrary Shapes," IEICE, Vol. J84-D-II, No.5 2001. (in Japanese)	
		KIMURA, AKIO, "Fast Generalized Hough Transform that Improves its Robustness of Shape Detection," IEICE, Vol. J83-D-II, No. 5, 2000. (in Japanese)	

Examiner
SignatureDate
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